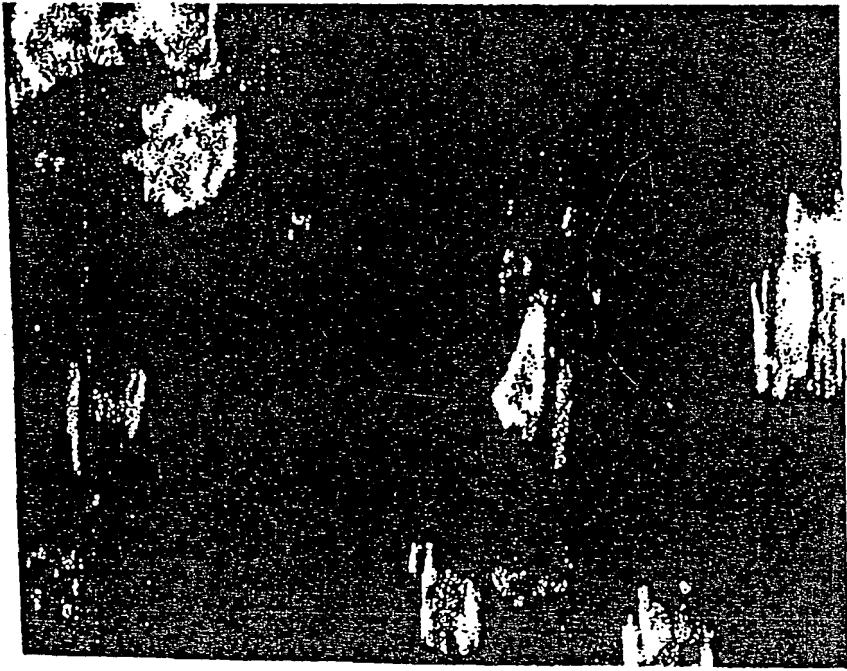
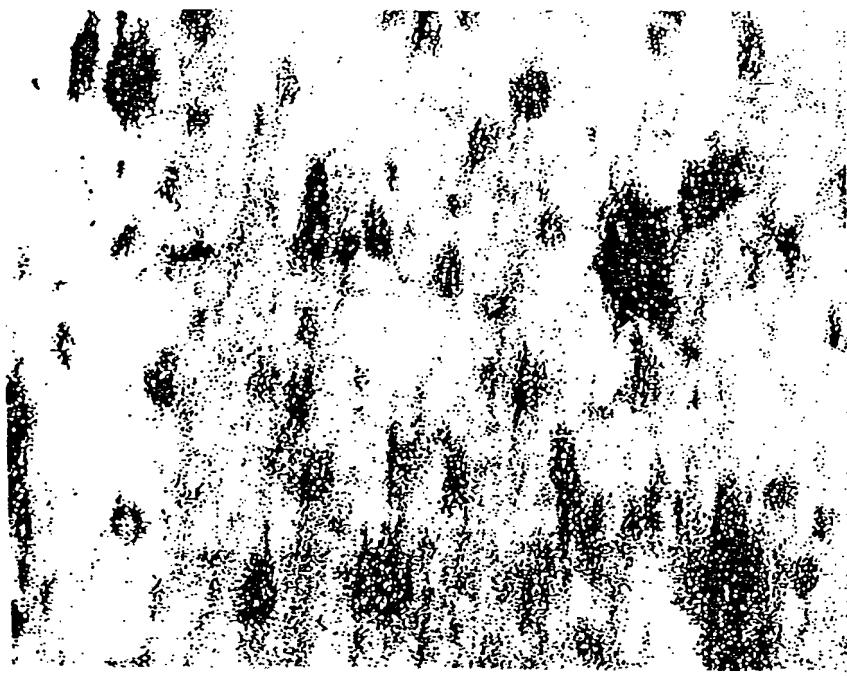


FIG. 1A  
(PRIOR ART)



EAGLE ANALYTICAL RDM 50X THROUGH MICROSCOPE

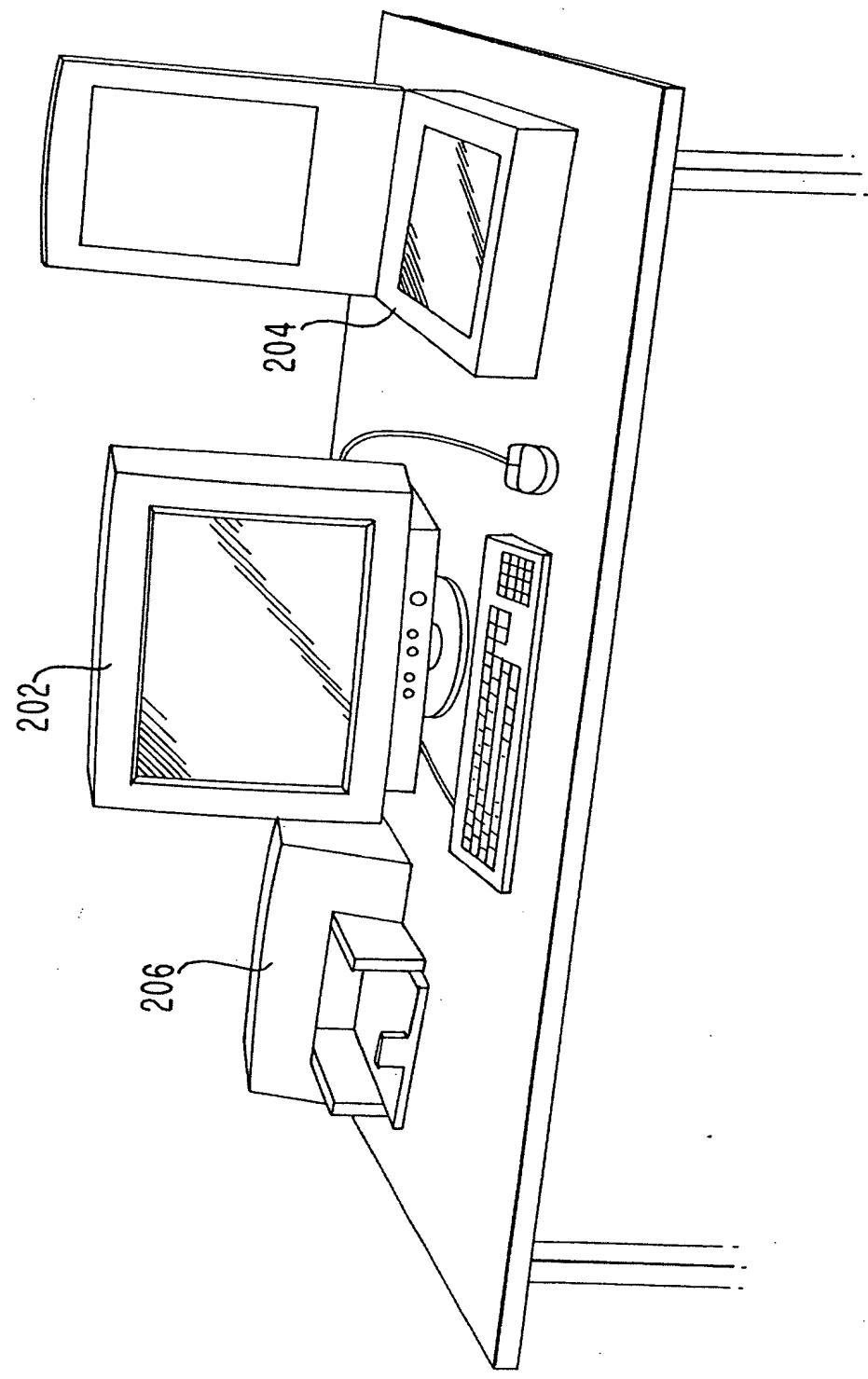
FIG. 1B



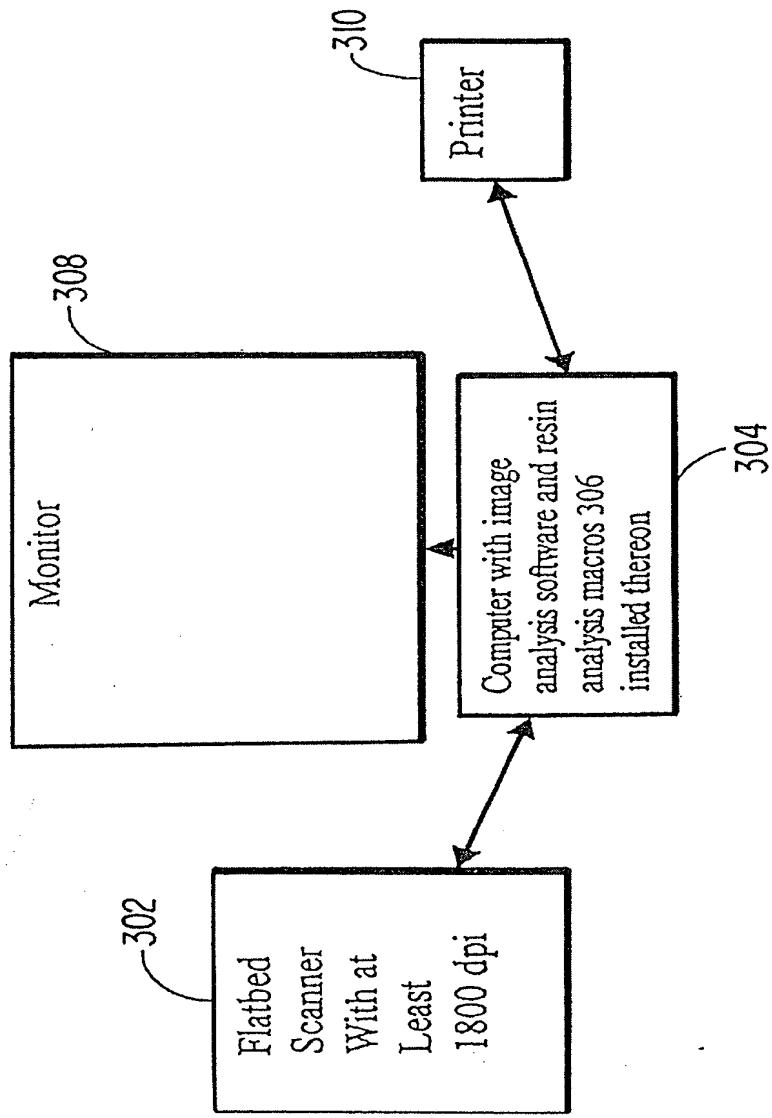
NEW SCANNER SYSTEM~16X

BEST AVAILABLE COPY

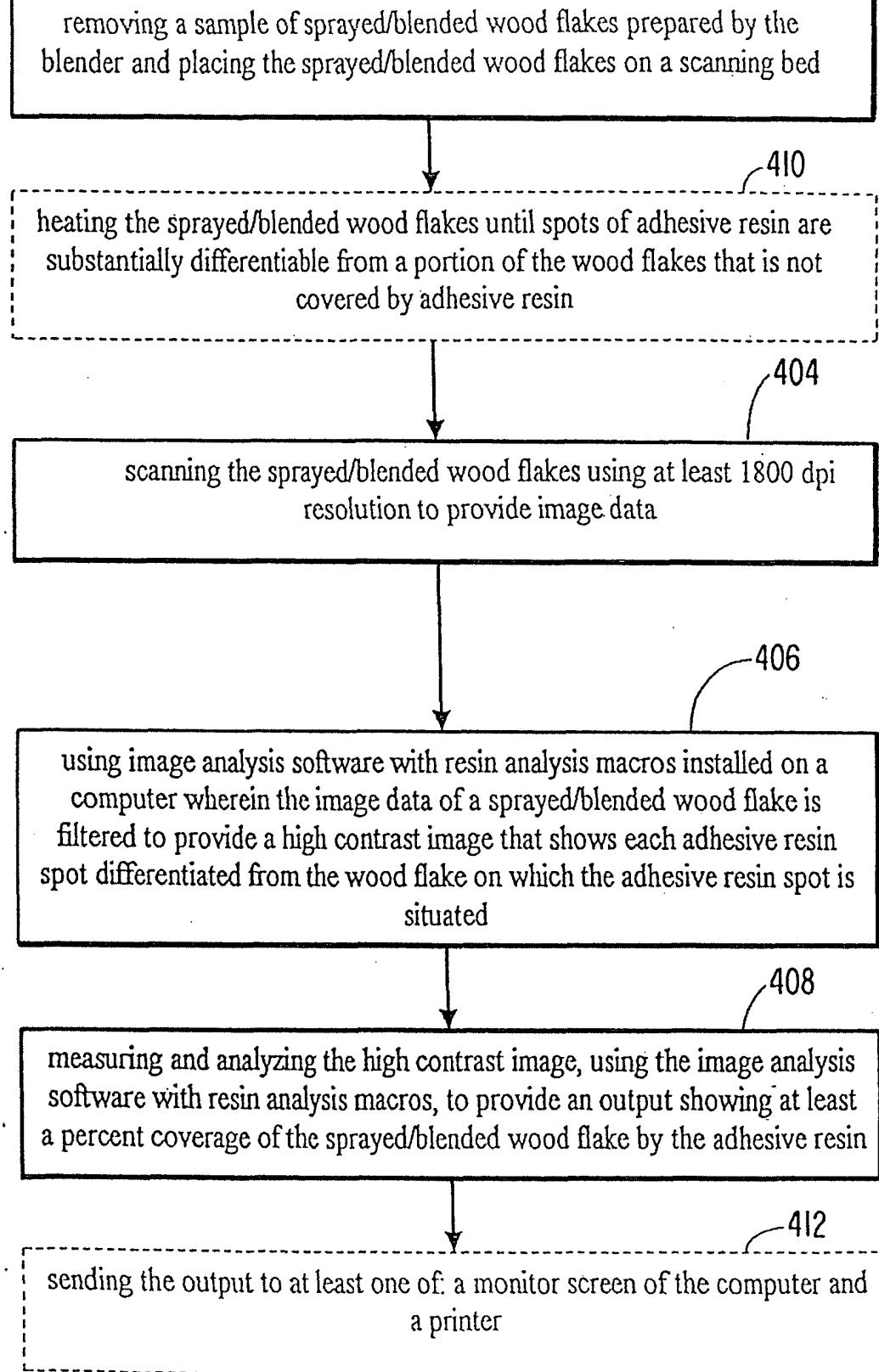
**FIG. 2**



**FIG. 3**



## FIG. 4



# FIG. 5

502

collecting a sample of wood flakes blended with adhesive resin and output from the blender  
wherein the wood flakes are approximately at least 1 inch x 2 inches

504

heating at least 30 wood flakes for one minute at 350° F

506

placing at least twenty of the at least thirty wood flakes on a scanner bed

508

preview scanning the wood flakes using at least 1800 dpi resolution while maximizing settings  
for color resolution and setting dimensions to a width of 0.5 inch and a length of 1.5 inches

510

starting a macro for scanning and inputting a filename and an input number of wood flakes

512

scanning an image of each wood flake

514

for each wood flake, adjusting an exposure setting using an auto-setting for the wood flake,  
editing the image of the wood flake and copying the image, using image analysis software with  
resin analysis macros to determine data for a percentage coverage of the wood flake by the  
adhesive resin, and saving the data until all desired wood flakes have been processed

516

importing the data in data files and generating a report

FIG. 6

